

REMARKS

Claims 1-23 were pending in the application. By this amendment, Applicants cancel Claims 7, 17 and 19. As such, Claims 1-6, 8-16, 18, and 20-23 are currently pending in the patent application. The Examiner has rejected Claims 1-6, 9-16, 18-20 and 22 under 35 USC 103 as being unpatentable over Root in view of Hill; and has rejected Claims 7-8, 17, 21, and 23 as being unpatentable over Root in view of Hill and further in view of Rennard. For the reasons set forth below, Applicants believe that the claims, as amended, are patentable over the cited art.

The present invention addresses the problem of communicating service information, and more specifically, map service information, from a server to a user device having limited capability to display and interact with the information. Under the present invention, user input commands are sent to a command processing means which interprets the user input and sends the interpreted user input to the server. Upon receipt of the interpreted user input commands, the server sends the map service information, including service mapping parameters, to the user device. The user device can then display and interact with the service map information, since the service mapping

parameters are correlated to the input capabilities of the user device (see: the Specification at page 6, lines 15-22, etc.). The command processing means may access user data at a database, which user data may include service mapping parameters, user identifier, and type of user device. In addition, the user data may be modified by either the server or the user device. Applicants have amended the language of the independent claims to expressly recite map service information and mapping parameters. Applicants believe that the invention as claimed is neither taught nor suggested by the cited art.

The Root patent is directed to a user input system wherein a user can hand write input to a computer with a stylus and the input will be correlated to stored personalized information (i.e., user input samples) which are uploaded to the computer in a small portable memory device. Once the input is correlated to a known function, the computer will then launch the local application, or access the local file, as "commanded". Under Root, the input is not transmitted to a command processing means remote from the user input device. The Root input is not interpreted by a remote command processing means and the interpreted input is not sent to a server. Further, under Root, there is no map service information sent to the user

device from a server, let alone map service information including service mapping parameters correlated to the input capabilities of the user device. As such, Applicants believe that the Root patent does not teach or suggest the invention as claimed.

With specific reference to the claim feature of service information from a server, the Examiner has acknowledged that the Root patent does not teach or suggest that feature. As such, the Examiner has cited the Hill patent for disclosing a method of controlling service information from a server by providing documents through a browser. Applicants respectfully assert that providing documents through a browser is not the same as or suggestive of the claimed transmitting of user input to a command processing means remote from the user input device, interpreting the user input by a remote command processing means, sending the interpreted input to a server, and then delivering customized map service information to the user device from the server, let alone sending map service information including service mapping parameters correlated to the input capabilities of the user device. Accordingly, Applicants believe that the Hill patent does not provide the teachings which are missing from the Root patent and do not believe that the combination renders the claimed invention obvious.

With regard to Claims 7-8, 17, 21 and 23, the Examiner has additionally cited the Rennard patent. Applicants again respectfully assert that the combination of Root and Hill do not teach the claimed steps and means for receiving user input, transmitting user input to a command processing means remote from the user input device, interpreting the user input by a remote command processing means, sending the interpreted input to a server, and then delivering customized map service information to the user device from the server, wherein the map service information includes service mapping parameters correlated to the input capabilities of the user device. The Rennard patent is cited for teaching a small screen personal navigation device which is expressly designed for displaying map information. The Rennard device does not receive user input commands which are then interpreted by a remote command processing means. Also, Rennard does not receive map service information which is dynamically customized with service mapping parameters based on user input commands. Accordingly, the addition of Rennard to the combination of Root and Hill does not obviate the claim language.

Based on the foregoing amendments and remarks, Applicants respectfully request entry of the amendments, reconsideration of the amended claim language in light of the remarks, withdrawal of the rejections, and allowance of the claims.

Respectfully submitted,

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